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STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

	Complete if Known	Rr
Application Number	10/049,316	-1
Filing Date	February 8, 2002	1.
First Named Inventor		AUG
Art Unit	N/A	TECHOR
Examiner Name	Not Yet Assigned	CENTEL
Attorney Docket Number	7529/1F590US1	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.'	Document Number  Number-Kind Code² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
mm	1	5,851,756		Steinman et al.		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>4</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	76

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NON PATENT LITERATURE DOCUMENTS						
Examiner Cite Initials No.		Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (by magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, country where published.				
للزللؤ	2	Blake, et al., Immunity, 7:791-802, 1997	_			
	3	Chen, et al., J. Gen. Virol., 80:447-455, 1999	1			
	4	Gutierrez, et al., J. Gen. Virol., 78:1663-70, 1997				
	5	Inaba, et al., J. Exp. Med., 188:2163-73, 1998	Ħ			
	6	Khanna, et al., Eur. J. Immunol., 28:451-458, 1998	<b>†</b>			
	7	Lee, et al., Eur. J. Immunol., 26:1875-83, 1996				
	8	Levitskaya, et al., Nature, 375 685-688, 1995				
	9	Rickinson and Moss, Ann. Rev. Immunol., 15:405-31, 1997				
[ ]	10	Steinman, Exper. Hematol., 24:859-862, 1996	-			
	11	Steven, et al., J. Exp. Med., 184:1801-13, 1996				
4	12	Yates, et al., Nature, 313:815, 1985				

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

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Examiner	m. mster	Date	June 21,
Signature		Considered	2004

SHEET 1 OF 2

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## LIST OF REFERENCES CITED BY APPLICANT

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DOCKET NO .:

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SERIAL NO:

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APPLICANT:

Ralph M. STEINMAN

FILING DATE:

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**CONFIRMATION NO:** 

### **U.S. PATENT DOCUMENTS**

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**DOCUMENT** 

INITIALS NUMBER DATE

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CLASS SUBCLASS FILING DATE

## FOREIGN PATENT DOCUMENTS

\*EXAMINER INITIALS

**DOCUMENT** NUMBER

DATE

COUNTRY

CLASS SUBCLASS

**TRANSLATION** 

YES NO

1. 96 02563 A 2/01/1996 WO

2. 97 24447 A

7/10/1997 WO

3. 2,180,193 A 12/29/1996 CA

# OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

\*EXAMINER

INITIALS

4. THOMSON, S.A. et al., "TARGETING A POLYEPITOPE PROTEIN INCORPORATING A MULTIPLE CLASS II-RESTRICTED VIRAL EPITOPES TO THE SECRETORY/ENDOCYTIC PATHWAY FACILITATES IMMUNE RECOGNITION BY CD4+ CYTOXIC T LYMPHOCYTES: A NOVEL APPROACH TO VACCINE DESIGN", Journal of Virology, Volume 72, No. 3, March 1998, pages 2246-2252.

5. KHANNA, R. et al., "TARGETING EPSTEIN-BARR VIRUS NUCLEAR ANTIGEN 1 (EBNA1) THROUGH THE CLASS II PATHWAY RESTORES IMMUNE RECOGNITION BY EBNA1 - SPECIFIC CYTOXIC T LYMPHOCYTES: EVIDENCE FOR HLA-DM-INDEPENDENT PROCESSING", International Immunology, Volume 9, No. 10, October 1997, pages 1537-1543.

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

SHEET <u>2</u> OF <u>2</u> (REV. 7-80)

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Concurrently Herewith

**CONFIRMATION NO:** 

\*EXAMINER INITIALS

6. MURRAY, R.J. et al., "IDENTIFICATION OF TARGET ANTIGENS FOR THE HUMAN CYTOTOXIC T CELL RESPONSE TO EPSTEIN-BARR VIRUS (EBV): IMPLICATIONS FOR THE IMMUNE CONTROL OF EBV-POSITIVE MALIGNANCIES", Journal of Experimental Medicine, Volume 176, No. 1, July 1, 1992, pages 157-168.

7. DI NICOLA, M. et al., "GENE TRANSFER INTO HUMAN DENDRITIC ANTIGEN-PRESENTING CELLS BY VACCINIA VIRUS AND ADENOVIRUS VECTORS", Cancer Gene Therapy, Volume 5, No. 6, November 1998, pages 350-356.

8. KHANNA, R. et al., "VACCINE STRATEGIES AGAINST EPSTEIN-BARR VIRUS-ASSOCIATED DISEASES: LESSONS FROM STUDIES ON CYTOTOXIC T-CELL-MEDIATED IMMUNE REGULATION", Immunological Reviews, Vol. 170, August 1999, pages 49-64.

9. TARTE, K. et al., "DENDRITIC CELL-BASED VACCINE: A PROMISING APPROACH FOR CANCER IMMUNOTHERAPY", Leukemia, Vol. 13, No. 5, May 1999, pages 653-663.

10. MÜNZ, C. et al., "HUMAN CD4(+) T LYMPHOCITES CONSISTENTLY RESPOND TO THE LATENT ePSTEIN-bARR VIRUS NUCLEAR ANTIGEN EBNA1", Journal of Experimental Medicine, Volume 191, No. 10, May 15, 2000, pages 1649-1660.

11. BICKHAM, K. et al., "EBNA1-SPECIFIC CD4+ T CELLS IN HEALTHY CARRIERS OF EPSTEIN-BARR VIRUS ARE PRIMARILY TH1 IN FUNCTION", Journal of Clinical Investigation, Vol. 107, No. 1, January 2001, pages 121-130.

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DATE CONSIDERED: June 21,2004

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